

RAW SEQUENCE LISTING

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Application Serial Number: 09/234,208E
Source: IFW/6
Date Processed by STIC: 8/29/05

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IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/234,208E

DATE: 08/29/2005
TIME: 14:55:57

Input Set : A:\49321-1 SEQ LIST.txt
Output Set: N:\CRF4\08292005\I234208E.raw

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3 <110> APPLICANT: Doherty, Joni Kristin
4      Clinton, Gail M.
6 <120> TITLE OF INVENTION: HER-2 BINDING ANTAGONISTS
8 <130> FILE REFERENCE: 49321-1
10 <140> CURRENT APPLICATION NUMBER: 09/234,208E
11 <141> CURRENT FILING DATE: 1999-01-20
13 <160> NUMBER OF SEQ ID NOS: 12
15 <170> SOFTWARE: PatentIn version 3.3
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 79
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapiens
22 <400> SEQUENCE: 1
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25 1          5           10          15
28 Arg Met Gln Pro Gly Pro Ala His Pro Val Leu Ser Phe Leu Arg Pro
29          20          25          30
32 Ser Trp Asp Leu Val Ser Ala Phe Tyr Ser Leu Pro Leu Ala Pro Leu
33          35          40          45
36 Ser Pro Thr Ser Val Pro Ile Ser Pro Val Ser Val Gly Arg Gly Pro
37          50          55          60
40 Asp Pro Asp Ala His Val Ala Val Asn Leu Ser Arg Tyr Glu Gly
41 65          70          75
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 419
46 <212> TYPE: PRT
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 2
51 Met Glu Leu Ala Ala Leu Cys Arg Trp Gly Leu Leu Leu Ala Leu Leu
52 1          5           10          15
55 Pro Pro Gly Ala Ala Ser Thr Gln Val Cys Thr Gly Thr Asp Met Lys
56          20          25          30
59 Leu Arg Leu Pro Ala Ser Pro Glu Thr His Leu Asp Met Leu Arg His
60          35          40          45
63 Leu Tyr Gln Gly Cys Gln Val Val Gln Gly Asn Leu Glu Leu Thr Tyr
64          50          55          60
67 Leu Pro Thr Asn Ala Ser Leu Ser Phe Leu Gln Asp Ile Gln Glu Val
68 65          70          75          80
71 Gln Gly Tyr Val Leu Ile Ala His Asn Gln Val Arg Gln Val Pro Leu
72          85          90          95
75 Gln Arg Leu Arg Ile Val Arg Gly Thr Gln Leu Phe Glu Asp Asn Tyr
76          100         105         110
79 Ala Leu Ala Val Leu Asp Asn Gly Asp Pro Leu Asn Asn Thr Thr Pro

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80 115 120 125
 83 Val Thr Gly Ala Ser Pro Gly Gly Leu Arg Glu Leu Gln Leu Arg Ser
 84 130 135 140
 87 Leu Thr Glu Ile Leu Lys Gly Gly Val Leu Ile Gln Arg Asn Pro Gln
 88 145 150 155 160
 91 Leu Cys Tyr Gln Asp Thr Ile Leu Trp Lys Asp Ile Phe His Lys Asn
 92 165 170 175
 95 Asn Gln Leu Ala Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg Ala Cys
 96 180 185 190
 99 His Pro Cys Ser Pro Met Cys Lys Gly Ser Arg Cys Trp Gly Glu Ser
 100 195 200 205
 103 Ser Glu Asp Cys Gln Ser Leu Thr Arg Thr Val Cys Ala Gly Gly Cys
 104 210 215 220
 107 Ala Arg Cys Lys Gly Pro Leu Pro Thr Asp Cys Cys His Glu Gln Cys
 108 225 230 235 240
 111 Ala Ala Gly Cys Thr Gly Pro Lys His Ser Asp Cys Leu Ala Cys Leu
 112 245 250 255
 115 His Phe Asn His Ser Gly Ile Cys Glu Leu His Cys Pro Ala Leu Val
 116 260 265 270
 119 Thr Tyr Asn Thr Asp Thr Phe Glu Ser Met Pro Asn Pro Glu Gly Arg
 120 275 280 285
 123 Tyr Thr Phe Gly Ala Ser Cys Val Thr Ala Cys Pro Tyr Asn Tyr Leu
 124 290 295 300
 127 Ser Thr Asp Val Gly Ser Cys Thr Leu Val Cys Pro Leu His Asn Gln
 128 305 310 315 320
 131 Glu Val Thr Ala Glu Asp Gly Thr Gln Arg Cys Glu Lys Cys Ser Lys
 132 325 330 335
 135 Pro Cys Ala Arg Gly Thr His Ser Leu Leu Pro Arg Pro Ala Ala Val
 136 340 345 350
 139 Pro Val Pro Leu Arg Met Gln Pro Gly Pro Ala His Pro Val Leu Ser
 140 355 360 365
 143 Phe Leu Arg Pro Ser Trp Asp Leu Val Ser Ala Phe Tyr Ser Leu Pro
 144 370 375 380
 147 Leu Ala Pro Leu Ser Pro Thr Ser Val Pro Ile Ser Pro Val Ser Val
 148 385 390 395 400
 151 Gly Arg Gly Pro Asp Pro Asp Ala His Val Ala Val Asn Leu Ser Arg
 152 405 410 415
 155 Tyr Glu Gly
 159 <210> SEQ ID NO: 3
 160 <211> LENGTH: 19
 161 <212> TYPE: DNA
 162 <213> ORGANISM: artificial sequence
 164 <220> FEATURE:
 165 <223> OTHER INFORMATION: primer
 167 <400> SEQUENCE: 3
 168 tgagcaccat ggagctggc
 171 <210> SEQ ID NO: 4
 172 <211> LENGTH: 22
 173 <212> TYPE: DNA

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174 <213> ORGANISM: artificial sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: primer
179 <400> SEQUENCE: 4
180 tccggcagaa atgccaggct cc 22
183 <210> SEQ ID NO: 5
184 <211> LENGTH: 22
185 <212> TYPE: DNA
186 <213> ORGANISM: artificial sequence
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189 <223> OTHER INFORMATION: primer
191 <400> SEQUENCE: 5
192 aacacagcgg tgtgagaagt gc 22
195 <210> SEQ ID NO: 6
196 <211> LENGTH: 21
197 <212> TYPE: DNA
198 <213> ORGANISM: artificial sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: primer
203 <400> SEQUENCE: 6
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207 <210> SEQ ID NO: 7
208 <211> LENGTH: 20
209 <212> TYPE: DNA
210 <213> ORGANISM: artificial sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: primer
215 <400> SEQUENCE: 7
216 tctgggtacc cactcactgc 20
219 <210> SEQ ID NO: 8
220 <211> LENGTH: 22
221 <212> TYPE: DNA
222 <213> ORGANISM: artificial sequence
224 <220> FEATURE:
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227 <400> SEQUENCE: 8
228 ttcacactgg cacgtccaga cc 22
231 <210> SEQ ID NO: 9
232 <211> LENGTH: 27
233 <212> TYPE: DNA
234 <213> ORGANISM: artificial sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: primer
239 <400> SEQUENCE: 9
240 gcacggatcc atagcagact gaggagg 27
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244 <211> LENGTH: 287
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens

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Input Set : A:\49321-1 SEQ LIST.txt
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248 <400> SEQUENCE: 10
249 cccgaggtac ccactca ctccccggc cagctgcagt tcctgtccct ctgcgcatgc 60
251 agcctggccc agcccaccc tgccttatcct tcctcagacc ctcttgggac cttagtcttg 120
253 ccttctactc tctaccctg gccccctca gccccacaag tgccctata tcccctgtca 180
255 gtgtggggag gggcccgac cctgatgctc atgtggctgt taacctgtcc cggtatgaag 240
257 gctgagacgg cccctcccc cacccacccc cacccctca gtgtgct 287
260 <210> SEQ ID NO: 11
261 <211> LENGTH: 276
262 <212> TYPE: DNA
263 <213> ORGANISM: Homo sapiens
266 <220> FEATURE:
267 <221> NAME/KEY: CDS
268 <222> LOCATION: (1)..(240)
269 <223> OTHER INFORMATION: ECDIIIa intron-encoded region of herstatin
271 <400> SEQUENCE: 11
272 ggt acc cac tca ctg ctc ccg agg cca gct gca gtt cct gtc cct ctg 48
273 Gly Thr His Ser Leu Leu Pro Arg Pro Ala Ala Val Pro Val Pro Leu
274 1 5 10 15
276 cgc atg cag cct ggc cca gcc cac cct gtc cta tcc ttc ctc aga ccc 96
277 Arg Met Gln Pro Gly Pro Ala His Pro Val Leu Ser Phe Leu Arg Pro
278 20 25 30
280 tct tgg gac cta gtc tct gcc ttc tac tct cta ccc ctg gcc ccc ctc 144
281 Ser Trp Asp Leu Val Ser Ala Phe Tyr Ser Leu Pro Leu Ala Pro Leu
282 35 40 45
284 agc ccc aca agt gtc cct ata tcc cct gtc agt gtg ggg agg ggc ccg 192
285 Ser Pro Thr Ser Val Pro Ile Ser Pro Val Ser Val Gly Arg Gly Pro
286 50 55 60
288 gac cct gat gct cat gtg gct gtt aac ctg tcc cgg tat gaa ggc tga 240
289 Asp Pro Asp Ala His Val Ala Val Asn Leu Ser Arg Tyr Glu Gly
290 65 70 75
292 gacggccct tccccaccc accccccacct cctcag 276
295 <210> SEQ ID NO: 12
296 <211> LENGTH: 79
297 <212> TYPE: PRT
298 <213> ORGANISM: Homo sapiens
300 <400> SEQUENCE: 12
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303 1 5 10 15
306 Arg Met Gln Pro Gly Pro Ala His Pro Val Leu Ser Phe Leu Arg Pro
307 20 25 30
310 Ser Trp Asp Leu Val Ser Ala Phe Tyr Ser Leu Pro Leu Ala Pro Leu
311 35 40 45
314 Ser Pro Thr Ser Val Pro Ile Ser Pro Val Ser Val Gly Arg Gly Pro
315 50 55 60
318 Asp Pro Asp Ala His Val Ala Val Asn Leu Ser Arg Tyr Glu Gly
319 65 70 75

VERIFICATION SUMMARY

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Input Set : A:\49321-1 SEQ LIST.txt

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